

Title (en)  
DEVICE FOR FIXING FUNCTIONAL ELEMENTS

Title (de)  
VORRICHTUNG ZUM FESTLEGEN VON FUNKTIONSELEMENTEN

Title (fr)  
DISPOSITIF DE FIXATION D'ÉLÉMENTS FONCTIONNELS

Publication  
**EP 2478302 A2 20120725 (DE)**

Application  
**EP 10768176 A 20100913**

Priority  
• DE 102009041572 A 20090915  
• DE 102010017375 A 20100615  
• EP 2010005585 W 20100913

Abstract (en)  
[origin: WO2011032670A2] The invention relates to a device for fixing functional elements (4), such as pipes or cables, to base elements (1, 2), in particular to mesh mats and / or to rods, by means of clips (3, 3.1, 3.2) that are connected to said base elements (1,2). A base element (1, 2) engages with at least one press-fit groove (18,31) in the clip (3.1, 3.2) and the functional element (4) can also be secured in a groove (17) in the clip (3.1, 3.2). In said device, there is at least one outer chamfer (20.1, 20.2) on the clip (3.1), said outer chamfer interacting with at least one chamfer (21.2, 21.2) on a setting tool (9.1).

IPC 8 full level  
**F24D 3/14** (2006.01)

CPC (source: EP)  
**B25C 5/11** (2013.01); **F24D 3/141** (2013.01); **F24D 3/144** (2013.01); **F24D 3/149** (2013.01); **Y02B 30/00** (2013.01)

Citation (search report)  
See references of WO 2011032670A2

Citation (examination)  
DE 3412882 A1 19851024 - WEERTH HANS ERNST

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102010017375 A1 20110317**; EP 2478302 A2 20120725; WO 2011032670 A2 20110324; WO 2011032670 A3 20120426

DOCDB simple family (application)  
**DE 102010017375 A 20100615**; EP 10768176 A 20100913; EP 2010005585 W 20100913